

FIGURE 1

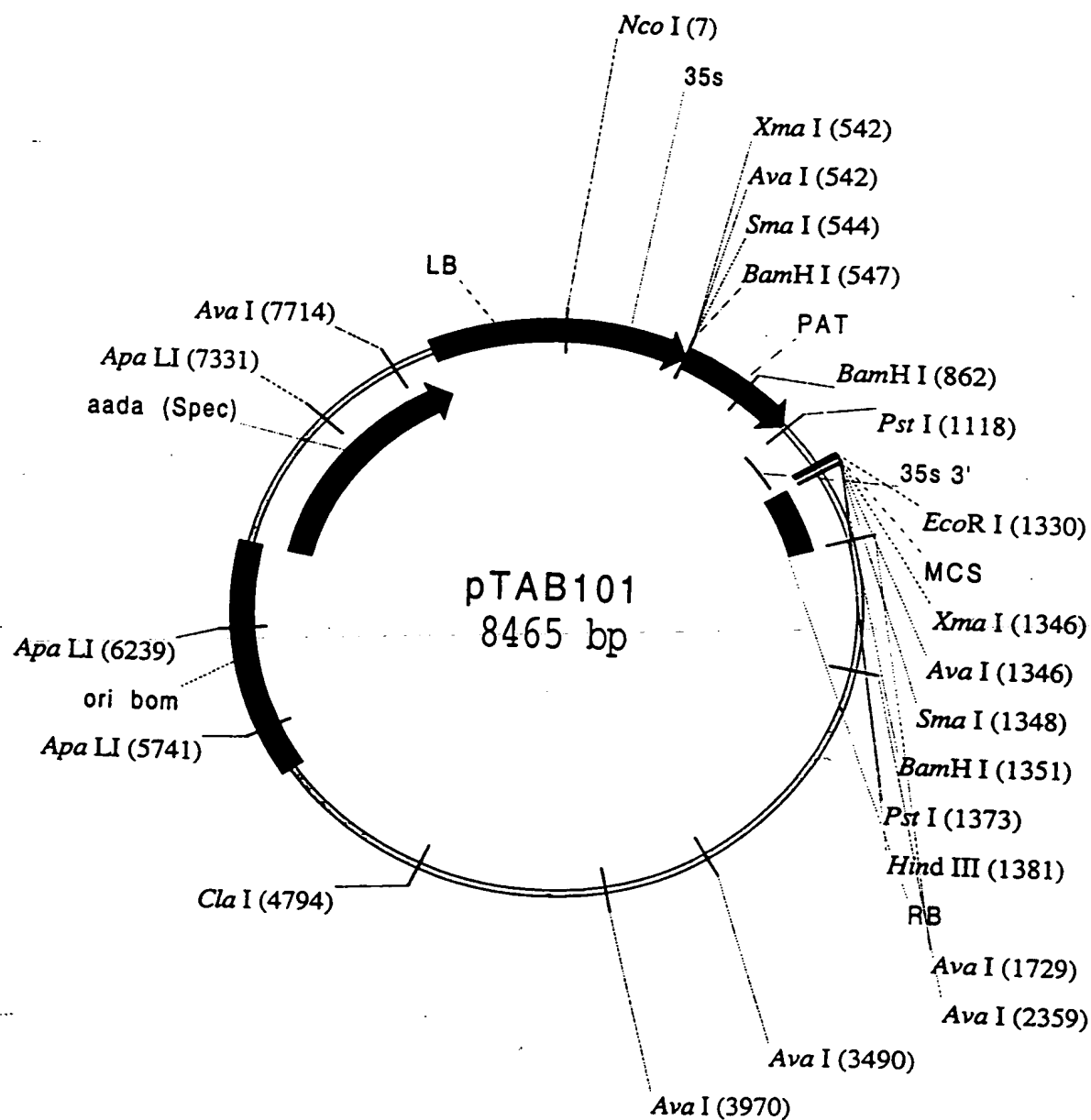
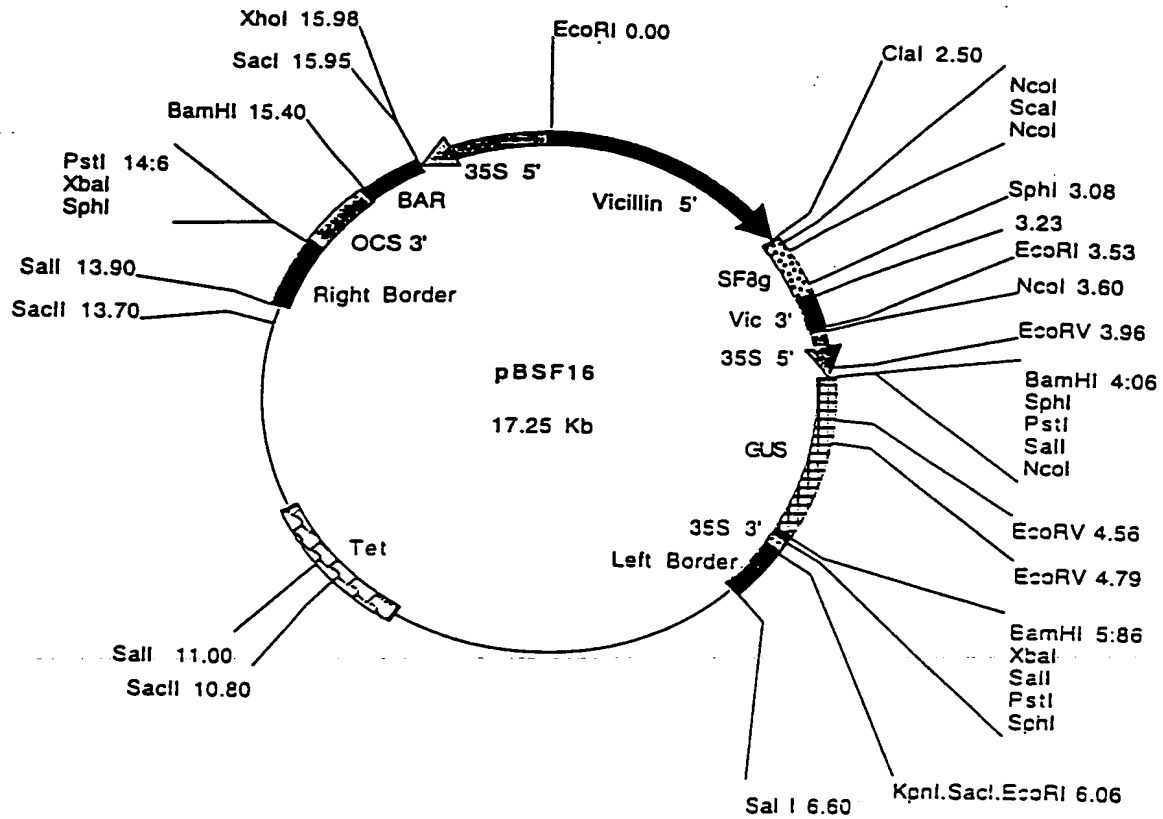
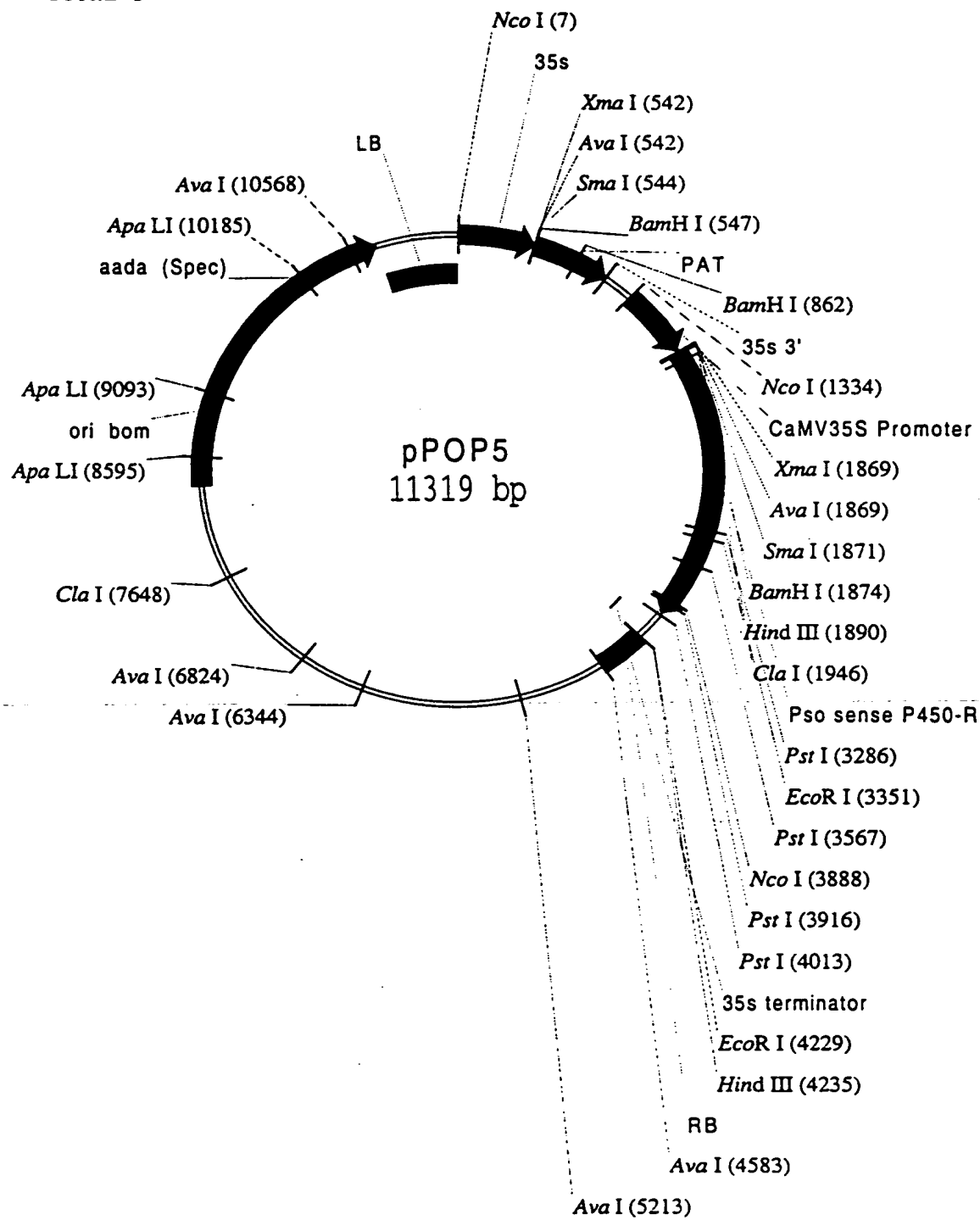


FIGURE 2



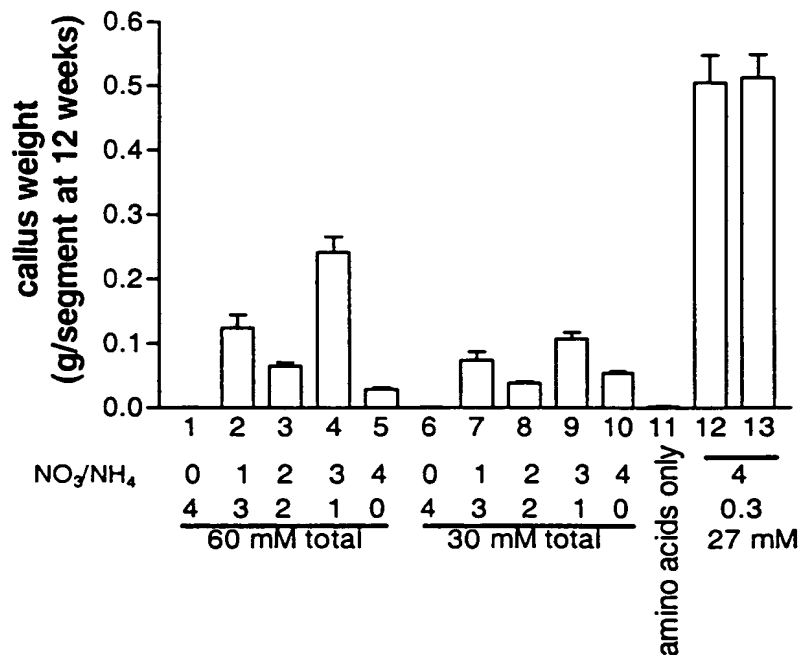
006280" 52000960

FIGURE 3



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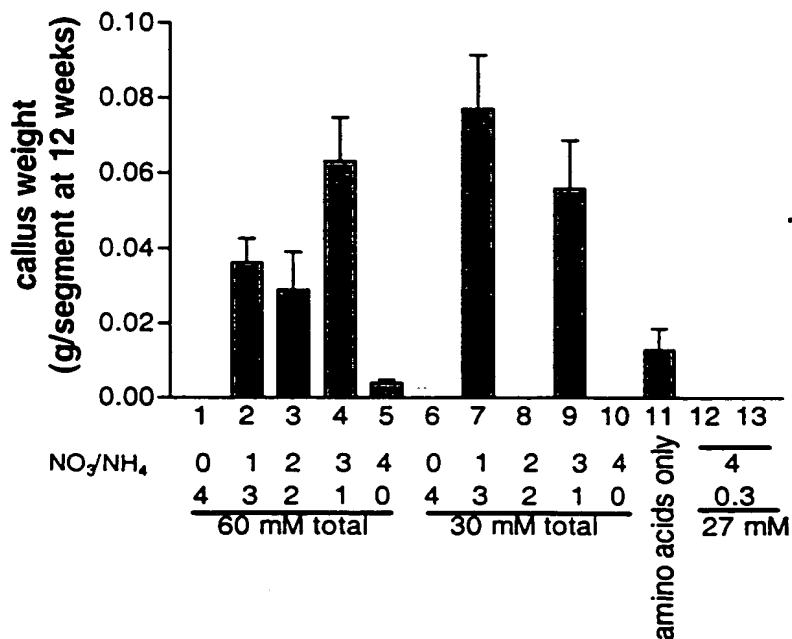
Figure 4 A



Type I callus

12 and 13 are B5;
all 1 mg/l 2,4-D
except 13 with
2 mg/l 2,4-D

Figure 4 B

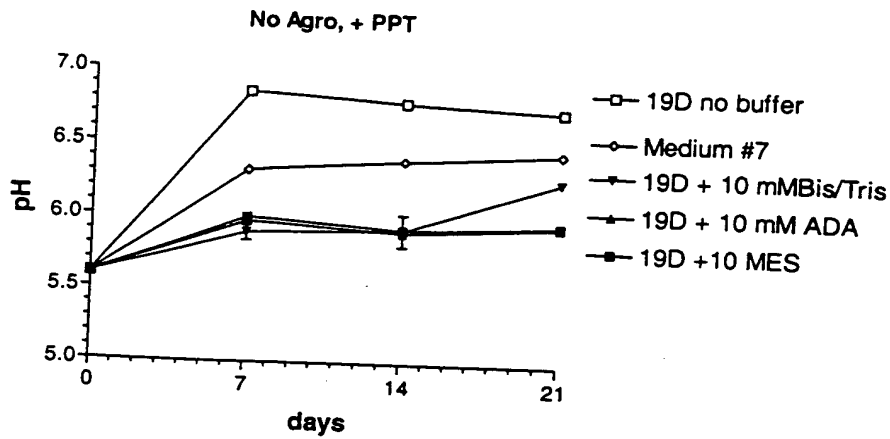


Type II callus

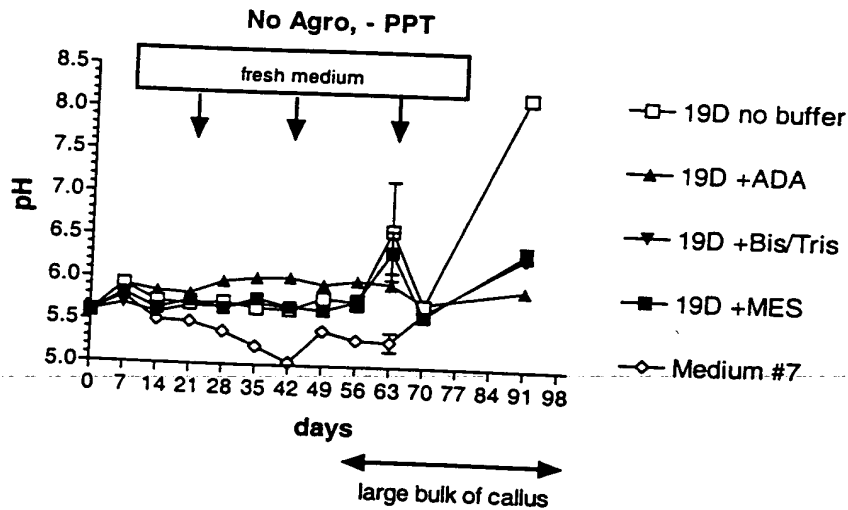
12 and 13 are B5;
all 1 mg/l 2,4-D
except 13 with
2 mg/l 2,4-D

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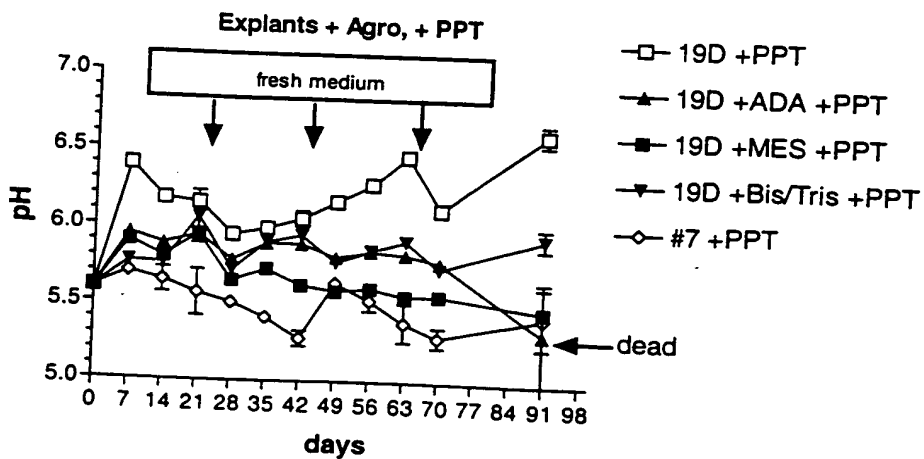
FIGURE 5



A



B

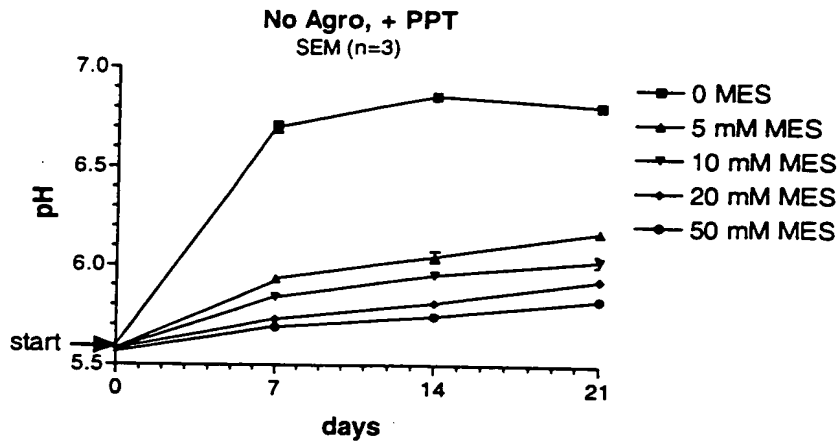


C

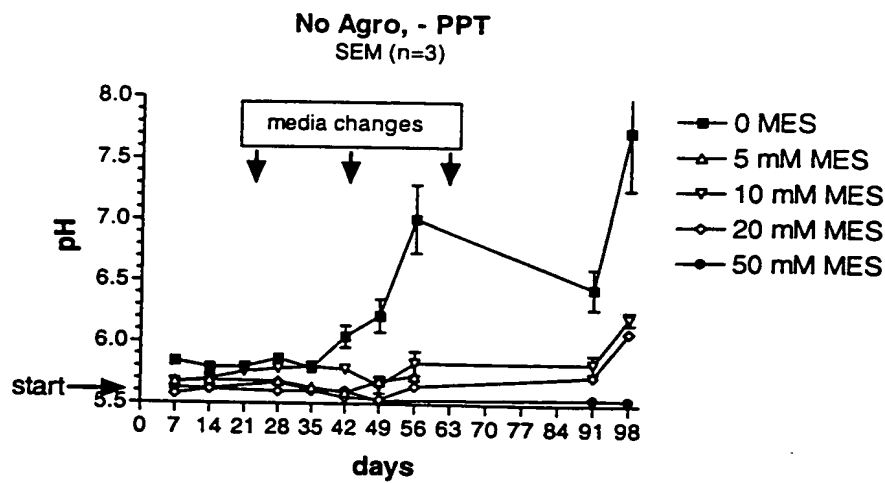
006280-52000960

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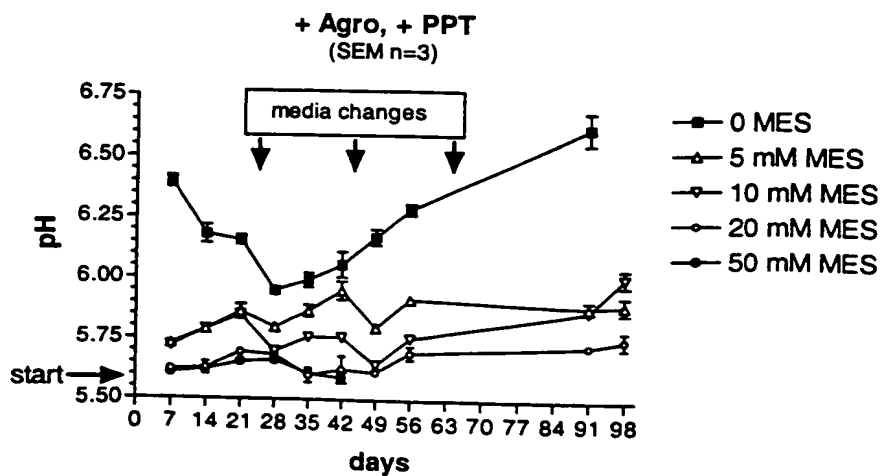
FIGURE 6



A

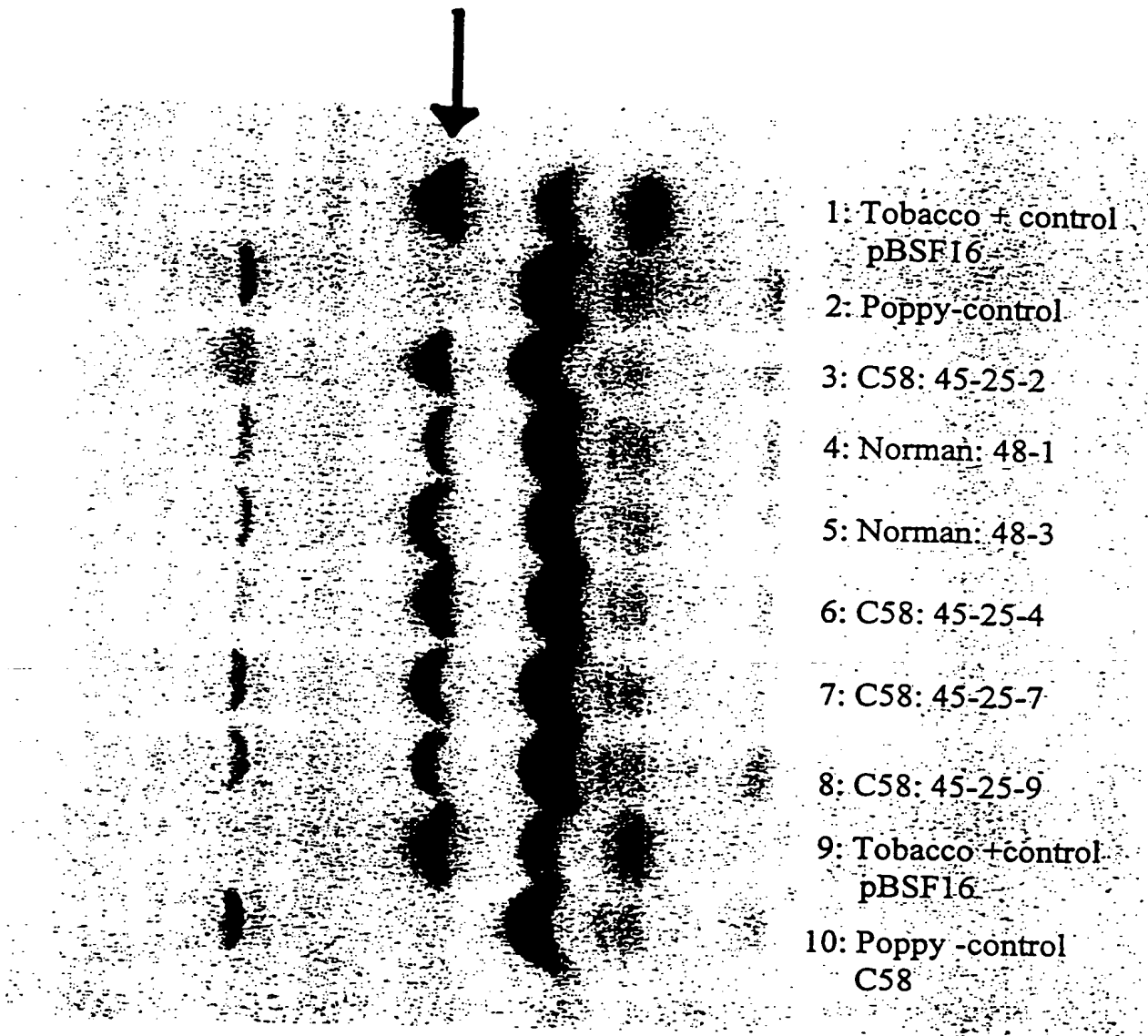


B



C

FIGURE 7



PAT (Phosphinothricin Acetyl Transferase) assay

Arrow indicates the radioactive acetylated PPT band resulting from PAT enzyme activity in the presence of radioactive acetyl CoA.

- 1. and 9. A transgenic tobacco extract as a positive control
- 2. and 10. Non-transgenic poppy controls
- 3. - 8. Various primary transgenic poppy lines.

FIGURE 8

SSA protein in transgenic poppy seed 45-25
Western blot

poppy seeds

C T C T

SSA standards



30ug 60ug
protein loaded

25 50 100 ng